

DOT CRO 1W 2H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

Index:	550980
Ingress protection:	IP65/20
Luminous flux [lm]*:	140
Colour temperature [K]:	5000
Material of the body:	PC
Emergency lighting [h]:	2
Battery:	NiMh
Operating mode:	NM
Autotest:	yes
Mounting version:	recessed

CHARACTERISTICS

Recessed mounted autonomous emergency luminaire with integrated, energy-saving LED module. Body made of polycarbonate (PC). Optical system available in 3 variants: basic, corridor, open space. Luminaire is fitted with batteries with 1h, 2h or 3h emergency operation time. The luminaire is using Ni-Mh or Ni-Cd battery with voltage of 3.6V and 24 hours of full charge with manual or automatic test function (AT).

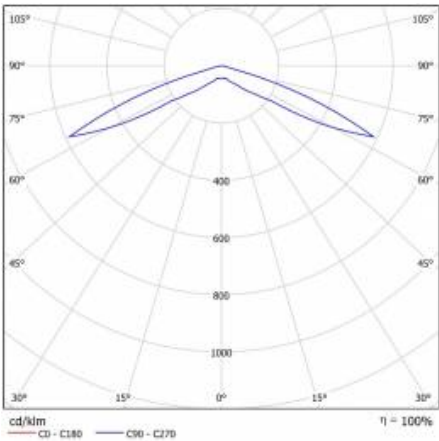
APPLICATION

Emergency luminaire, used mainly for illumination of escape routes and fire protection devices after power failure, i.e. in emergency lighting mode. Depending on the optical system used, the luminaire may illuminate: escape routes (in corridor light distribution mode) or be used as anti-panic lighting (in standard light distribution mode or open space light distribution mode). Open Space light distribution mode is dedicated to openoffice space of lesser height.

TECHNICAL PARAMETERS TABLE

Nominal power [W]:	1	Diffuser material:	PMMA
Index:	550980	Material of the body:	PC
Colour temperature [K]:	5000	Colour of the body:	white
EAN:	5905963550980	Dimensions (H/W/T/S) [mm]:	ø135/30
Luminous flux [lm]:	140	Mounting dimensions [mm]:	ø100
Light source:	LED module	Ingress protection:	IP65/20
Emergency lighting [h]:	2	Mounting version:	recessed
Rated power of the luminaire [W]:	1	Working temperature [°C]:	from +5 to +35
Light distribution type:	open space	Net weight [kg]:	0.430
Operating mode:	NM	Category type:	emergency lighting
Supply voltage [V]:	220-240	Version:	open space
Autotest:	yes	ETIM class:	EC001957
Frequency [Hz]:	50 - 60	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Luminous efficacy [lm/W]:	137	Luminaire rated power Omin [W]:	1
Electrical protection class:	I	Warranty [years]:	2 / 0.5 (bateria)
Energy efficiency class:	C	Warranty [years]:	2 / 0.5 (battery)
Colour rendering index:	>70	CE certificate:	77/2023
LED lifespan L70B50 [h]:	275000	Manual:	Download PDF
Beam angle [°]:	120	Plik LDT:	Download
Battery:	NiMh		

LIGHT CURVES



Card creation date: 24 January 2025
The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

 This product is a subject to electric and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 77/2023